Archimedes said: Give me a lever big enough and a fulcrum on which to place it and I shall move the world.

QUALITY MANAGEMENT

TOOLS AND TECHNIQUES

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JANKECH QUALITY SERVICES

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Drivers of Quality

- Customers : meeting and exceeding the requirements of the customer is the sole duty of a business. How can this be achieved?
- Product/Service: production of products and services that conform to pre – stipulated standard drives quality.
 Employee Satisfaction: Very essential. How does it drive quality?
- Competitors: How do we leverage on competition to drive excellence?

• All the "HOWs" to be treated completely.



Tools

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Problem – solving Tools and Techniques

- Finding effective solutions to business problems is the principal difference between highly profitable organizations and struggling ones
- Using proven tools and techniques in problem identification and description; solution determination and implementation; evaluation and standardization ensures systematic improvement.
- When a customer issues are sorted out, he is happy and willing to return.
- When customers are overtly satisfied they become the none salaried sales team
- There are several tools and techniques for identifying, prioritizing, solving and evaluating the effectiveness of solution to business problems

HOW DO I MAKE MY CUSTOMERS MY UNSALARIED STAFF?

TECHNIQUES

Cause and Effect Diagram

- This tool was made popular by Kaoru Ishikawa who used it to assess the likelihood of all potential factors that can be the cause of the problem causing the problem.
- It is also called Ishikawa Diagram after the inventor or Fish bone diagram because of its shape.
- It is a tool for both expansion and focusing, brainstorming is a very important tool in cause and effect diagram

WHEN TO USE

- When identifying possible causes of a problem, for example :
 - o customer attrition
 - Production of defective products
 - o Dwindling market shares
 - Transactional losses etc.

We utilize Brainstorming techniques to populate a Cause and Effect Diagram seeking ALL possible causes for our issue of concern.

Cause and Effect Diagram

The <u>Measurement</u> category groups Root Causes related to the measurement and measuring of a process activity or output:

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